

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048341.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2024 07:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :Ankita Jodhani 05/24/2024

Integration File: autoint1.e
 Quant Time: May 24 01:30:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.959	2730111	18.924 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
12) S 1-chlorooctadecane (S...	13.392	2088397	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.343	2779435	21.566 ug/ml
2) T n-Decane (C10)	4.592	2842390	21.590 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2801673	20.290 ug/ml
4) T n-Dodecane (C12)	6.758	2794381	20.961 ug/ml
5) T A~2-methylnaphthalene...	7.396	2626758	19.739 ug/ml
6) T n-Tetradecane (C14)	8.586	2683682	20.251 ug/ml
7) T n-Hexadecane (C16)	10.194	2673815	19.441 ug/ml
8) T n-Octadecane (C18)	11.637	2649110	19.018 ug/ml
10) T n-Eicosane (C20)	12.946	2530705	18.796 ug/ml
11) T n-Heneicosane (C21)	13.558	2476057	18.705 ug/ml
13) T n-Docosane (C22)	14.145	2484208	18.746 ug/ml
14) T n-Tetracosane (C24)	15.247	2547698	19.134 ug/ml
15) T n-Hexacosane (C26)	16.268	2562262	19.201 ug/ml
16) T n-Octacosane (C28)	17.216	2628803	19.744 ug/ml
17) T n-Tricontane (C30)	18.103	2808326	20.348 ug/ml
18) T n-Dotriacontane (C32)	18.935	2872292	20.795 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2833853	20.803 ug/mlm
20) T n-Hexatriacontane (C36)	20.457	2693408	19.892 ug/mlm
21) T n-Octatriacontane (C38)	21.197	2649446	19.189 ug/ml
22) T n-Tetracontane (C40)	22.118	2614217	18.764 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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